

Amendments to the Claims

Claims 1-6, 8, 9, 10, and 11 have been amended. A complete listing of claims and status indicators is set forth below. This listing of claims will replace all prior versions and listings of claims in the application.

1. (Currently Amended) A portable computer system, comprising:

a portable base computer comprising:

a first wireless receiver,

a processor having a data input operatively connected to the first wireless receiver, and

a first wireless transmitter operatively connected to the processor, and

a ~~processor-less~~ portable user interface module being detachably coupleable to the

portable base computer, wherein the portable user interface does not comprise

a central processing unit (CPU) operable to execute an application program

and to produce results therefrom, the portable user interface module

comprising:

a second wireless receiver,

a two-dimensional display having a data input operatively connected to

the second wireless receiver of the portable user interface module,

a user input device, and

a second wireless transmitter operatively connected to the user input device.

2. (Currently Amended) The portable computer system of claim 1 comprising a mechanical connector operative to hold the base computer in contact with the ~~processor-~~less user interface module.

3. (Currently Amended) The portable computer system of claim 1 comprising an electrical connector operative to electrically connect the base computer to the ~~processor-~~less user interface module.

4. (Currently Amended) The portable computer system of claim 3 wherein the electrical connector comprises bypass contacts operative to bypass the wireless transmitters and receivers of the base computer and the ~~processor-~~less user interface module.

5. (Currently Amended) The portable computer system of claim 1 wherein the base computer comprises a display primitive generator operatively connected between the processor and the wireless transmitter of the base computer, and wherein the display primitive generator is operative to send display primitives to the ~~processor-~~less user interface module that are capable of displaying a pointing-device-driven, general-purpose, window-based operating system screen on the display of the ~~processor-~~less user interface module.

6. (Currently Amended) The portable computer system of claim 1 comprising at least a portion of a local area network operatively connected between the processor and the display, and wherein the base computer system is operative to communicate with the ~~processor-~~less user interface module using packet traffic on the local area network.

7. (Original) The portable computer system of claim 1 wherein the display has a resolution of at least 640X480 pixels.

8. (Currently Amended) The portable computer system of claim 1 wherein the ~~processor-less~~ user interface device comprises a keyboard that comprises separate keys for all of the letters of the alphabet and the ten decimal digits.

9. (Previously Presented) The portable computer system of claim 1 wherein the user input device comprises a pointing device.

10. (Currently Amended) The portable computer system of claim 1 wherein the portable base computer comprises a rectangular housing for supporting its processor, receiver and transmitter, wherein the ~~processor-less~~ user interface module comprises a rectangular housing for supporting its display device, user input device, receiver and transmitter, and wherein one of the two largest faces of the housing of the base computer is of substantially the same size and shape as one of the two largest faces of the housing of the ~~processor-less~~ user interface module.

11. (Currently Amended) The portable computer system of claim 1 wherein the portable base computer system comprises at least one battery connector that is operatively connected to the processor and wherein the ~~processor-less~~ user interface module includes at least one battery connector operatively connected to the display.

12. (Original) The portable computer system of claim 1 wherein the wireless transmitters are obstacle-tolerant transmitters and the wireless receivers are obstacle-tolerant receivers.

13. (Previously Presented) A portable base computer system for use with a mobile user interface module that comprises a two-dimensional display, a first wireless receiver, a first wireless transmitter, a user input device, and a housing, the portable base computer comprising:

a second wireless receiver constructed and adapted to communicate with the first wireless transmitter of the user interface module,

a processor responsive to commands received from the second wireless receiver, the processor configured to execute an application program and generate results therefrom,

a second wireless transmitter responsive to the processor and constructed and adapted to communicate with the wireless receiver of the user interface module, and

a housing for holding the processor, the second wireless receiver, and the second wireless transmitter,

wherein the portable base computer system does not comprise a display device operatively connected to the processor to display graphical information based on the results generated by the processor.

14. (Previously Presented) The portable base computer system of claim 13 comprising at least one mechanical docking connector mounted relative to the housing and operative to hold the base computer in contact with the user interface module.

15. (Previously Presented) The portable base computer system of claim 13 comprising at least one electrical docking connector mounted relative to the housing and operative to electrically connect the portable base computer system to the user interface module.

16. (Previously Presented) The portable base computer system of claim 15 wherein the electrical connector comprises bypass contacts operative to bypass the wireless transmitters and receivers of the portable base computer system and user interface module.

17. (Previously Presented) The portable base computer system of claim 13 wherein the portable base computer system comprises a display primitive generator to which the wireless transmitter of the base computer system is responsive to send display primitives to the user interface module, and wherein the display primitive generator is operative to send display primitives to display the graphical information on the display of the user interface module.

18. (Previously Presented) The portable bases computer system of claim 13 comprising at least a portion of a local area network operatively connected between the processor and the display, and wherein the portable base computer system is operative to communicate with the user interface module using packet traffic on the local area network.

19.-(Previously Presented) The portable bases computer system of claim 40 wherein the portable base computer system comprises a rectangular housing for supporting its processor, receiver and transmitter, and wherein one of the two largest

faces of the housing of the portable base computer system is of substantially the same size and shape as one of two largest faces of a housing of the user interface module.

20. (Original) The portable base computer of claim 13 wherein the wireless transmitters are obstacle-tolerant transmitters, and the wireless receivers are obstacle-tolerant receivers.

21. (Previously Presented) A user interface module for use with a portable base computer system that comprises a processor to execute an application program, an obstacle-tolerant wireless transmitter, an obstacle-tolerant wireless receiver, and a housing bearing at least one docking connector, the user interface module comprising:

- an obstacle-tolerant wireless receiver constructed and adapted to communicate with
 - the wireless transmitter of the portable base computer system,
 - a two-dimensional display responsive to the wireless receiver,
 - a user input device,
 - an obstacle-tolerant wireless transmitter responsive to the user input device, and
 - being constructed and adapted to communicate with the wireless receiver
 - to the portable base computer system, and
- at least one docking connector constructed and adapted to mate directly to the
 - connector of the portable base computer system,

wherein the user interface module does not comprise a processor to execute an application program.

22. (Original) The user interface module of claim 21 wherein the docking connector is a mechanical connector operative to hold the portable base computer system in contact with the user interface module.

23. (Original) The user interface module of claim 21 wherein the docking connector is an electrical connector operative to electrically connect the portable base computer system to the user interface module.

24. (Original) The user interface module of claim 23 wherein the electrical connector includes bypass contacts operative to bypass the wireless transmitters and receivers of the portable base computer system and user interface module.

25. (Original) The user interface module of claim 21 wherein the display has a resolution of at least 640X480 pixels.

26. (Original) The user interface module of claim 21 wherein the user interface device comprises a keyboard that includes separate keys for all of the letters of the alphabet and the ten decimal digits.

27. (Previously Presented) The user interface module of claim 21 wherein the user interface device comprises a pointing device.

28. (Previously Presented) The user interface module of claim 21 wherein the user interface module comprises a display primitive decoder responsive to display primitives received solely from the base computer system on the display.

29. (Previously Presented) The user interface module of claim 21 wherein the user interface module comprises a rectangular housing for supporting its display device, user input device, receiver and transmitter, and wherein one of the two largest faces of the housing of the user interface module is of substantially the same size and shape as one of two largest faces of a housing of the portable base computer system.

30. (Previously Presented) A portable computer system, comprising:
portable means for processing application programs at a first location in response to user interface signals, the means for processing being readily transportable in hand luggage,
first wireless communication means for transmitting results from the portable means for processing, and the first wireless communications means for relaying received user interface signals to the portable means for processing,
second wireless communication means for receiving the results from the first communication means and for transmitting the user interface signals to the first wireless communication means, and
portable user interface means responsive to the results received by the second wireless communication means to display graphical user interface constructs on a two-dimensional screen, wherein the portable user interface means comprises a first user input device to generate user interface signals, and wherein the portable means for processing does not comprise a second user input device to generate user interface signals.

31. (Original) The portable computer system of claim 30 wherein the portable means for processing, the first and second wireless communication means, and the portable user interface together weigh under about nine pounds.

32. (Original) The portable computer system of claim 31 wherein the portable means for processing, the first and second wireless communication means, and the portable user interface together fit within a space of less than about two inches thick by about nine inches by about twelve inches.

33. (Previously Presented) The portable computer system of claim 30 comprising means for together transporting the portable means of processing, the first and second wireless communication means, and the portable user interface in a mechanically and electrically docked state.

34. (Previously Presented) The portable computer system of claim 30 comprising means for housing the portable means for processing, comprising means for housing the user interface means, and wherein one of the two largest faces of the means for housing the portable means for processing is of substantially the same size and shape as one of the two largest faces of the means for housing the user interface means.

35. (Previously Presented) The portable computer system of claim 30 comprising means included in the portable means for processing to generate display primitives and send the display primitives to the user interface means via the first and second communication means.

36. (Previously Presented) A computing method, comprising the steps of:

processing application programs in a base computer system at a first location,

communicating results from the application programs by a wireless

communication method to a user interface module comprising a portable

user input device, the user interface module being disposed remote from

the base computer system,

displaying results of the step of communication on a screen of the user interface

module,

together transporting the base computer system and the user interface module to a

second location,

processing application programs in the base station at the second location,

again communicating results from the application programs to the user interface

module, and

displaying results of the step of again communicating on a screen of the user interface

module,

wherein, at both the first location and the second location, the steps of processing

application programs in the base station are performed in response only to user

input signals generated via the portable user input device.

37. (Original) The computing method of claim 36 wherein the step of together transporting transports the base station and the user interface module in a mechanically and electrically docked state.

38. (Original) The computing method of claim 36 wherein the step of communicating results communicates display primitives.

39. (Previously Presented) The portable computer system of claim 1 wherein the portable base computer comprises:

one or more battery connectors,
a power input operatively connected to at least one of the battery connectors, and
a mass storage operatively connected to the processor.

40. (Previously Presented) The computer system of claim 13 comprising:

one or more battery connectors,
a power input operatively connected to at least one of the battery connectors, and
a mass storage operatively connected to the processor.

41. (Previously Presented) A portable computer system, comprising:

a base unit;
a portable user interface module detachably coupleable to the base unit, the portable user interface module comprising a user input device and a display device; and
only one processor responsive to user input signals input from the user input device, wherein the only one processor is disposed within the base unit and is configured to respond to the user input signals input from the user input device regardless of whether the base unit is coupled to the portable user interface module or is detached from the portable user interface module.

42. (Previously Presented) The portable computer system as recited in claim 41, wherein the user input device is the only user input device.

43. (Previously Presented) The portable computer system as recited in claim 41, wherein the display device is the only display device, wherein the processor is configured to execute program code and produce results therefrom, and wherein the display device is configured to display visible indicia corresponding to the results regardless of whether the base unit is coupled to the portable user interface module or is detached from the portable user interface module.

44. (Previously Presented) The computer system as recited in claim 41, wherein the base unit comprises a first wireless receiver operatively coupled to the processor and a first wireless transmitter operatively coupled to the processor, and wherein the portable user interface module comprises a second wireless receiver operatively coupled to the display device and a second wireless transmitter operatively coupled to the user input device.

45. (Previously Presented) A portable computer system, comprising:
a base unit comprising a processor to execute an application program and to produce results therefrom;
only one display device to display visible indicia based on the results produced by the processor; and
a portable user interface module detachably coupleable to the base unit, the portable user interface module comprising the only one display device,
wherein the only one display device displays the visible indicia regardless of whether the base unit is coupled to the portable user interface module or is detached from the portable user interface module.

46. (Previously Presented) The portable computer system as recited in claim 45,
wherein the portable user interface module comprises a user input device

47. (Previously Presented) The portable computer system as recited in claim 46,
wherein the user input device is the only user input device, and wherein the processor is
configured to respond only to user input signals input via the only user input device regardless
of whether the base unit is coupled to the portable user interface module or is detached from
the portable user interface module.

48. (Previously Presented) The portable computer system as recited in claim 45,
wherein the display device is the only display device, wherein the processor is configured to
execute program code and produce results therefrom, and wherein the display device is
configured to display visible indicia corresponding to the results regardless of whether the
base unit is coupled to the portable user interface module or is detached from the portable
user interface module.

49. (Previously Presented) The computer system as recited in claim 45, wherein the
base unit comprises a first wireless receiver operatively coupled to the processor and a first
wireless transmitter operatively coupled to the processor, and wherein the portable user
interface module comprises a second wireless receiver operatively coupled to the display
device and a second wireless transmitter operatively coupled to the user input device.

50. (Previously Presented) A portable computer system, comprising:

only one user input device;

a base unit comprising a processor responsive to user input signals from the only one user input device; and

a portable user interface module detachably coupleable to the base unit, the portable user interface module comprising a display and the user input device,

wherein the processor is responsive only to user input signals that are input from the only one user input device regardless of whether the base unit is coupled to the portable user interface module or is detached from the portable user interface module.

51. (Previously Presented) The portable computer system as recited in claim 50, wherein the display device is the only display device, wherein the processor is configured to execute program code and produce results therefrom, and wherein the display device is configured to display visible indicia corresponding to the results regardless of whether the base unit is coupled to the portable user interface module or is detached from the portable user interface module.

52. (Previously Presented) The portable computer system as recited in claim 50, wherein the processor is the only processor.

53. (Previously Presented) The computer system as recited in claim 50, wherein the base unit comprises a first wireless receiver operatively coupled to the processor and a first wireless transmitter operatively coupled to the processor, and wherein the portable user

interface module comprises a second wireless receiver operatively coupled to the display device and a second wireless transmitter operatively coupled to the user input device.

54. (Previously Presented) The portable base computer system of claim 17, wherein the graphical information comprises a point-device-driven, general-purpose, window-based operating system.

55. (Previously Presented) The user interface module of claim 28, wherein the display primitive decoder is response to display primitives received solely from the base computer system to display a point-device-driven, general-purpose, window-based operation system screen on the display.